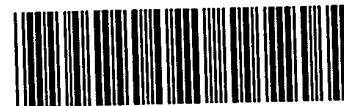


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**The Biotechnology Systems Branch of the Scientific and Technical  
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Application Serial Number: 10/523,475  
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 4 CHONG, JAYHONG A.  
 5 RAMSEY, IAN SCOTT  
 6 CLAPHAM, DAVID E.  
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 13 <141> CURRENT FILING DATE: 2005-02-04  
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 16 <151> PRIOR FILING DATE: 2003-08-04  
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 19 <151> PRIOR FILING DATE: 2002-08-07  
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1/26/2006

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66 35 40 45
68 Ser Arg Phe Phe Lys Ile Ile Met Ile Ser Thr Val Thr Ser Asn Ala
69 50 55 60
71 Phe Phe Met Ala Leu Trp Thr Ser Tyr Asp Ile Arg Tyr Arg Leu Phe
72 65 70 75 80
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75 85 90 95
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78 100 105 110
80 Gly Tyr Asn Leu Leu Asp Val Ile Ile Ile Ile Val Met Phe Leu Pro
81 115 120 125
83 Tyr Ala Leu Arg Gln Leu Met Gly Lys Gln Phe Thr Tyr Leu Tyr Ile
84 130 135 140
86 Ala Asp Gly Met Gln Ser Leu Arg Ile Leu Lys Leu Ile Gly Tyr Ser
87 145 150 155 160
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90 165 170 175
92 Val Ala Ser Val Leu Leu Leu Phe Leu Leu Met Tyr Ile Phe Ala
93 180 185 190
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111 275 280 285
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114 290 295 300
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117 305 310 315 320
119 Ser Glu Leu Val Glu Asn Phe Lys Lys Thr Leu Ser His Thr Asp Pro
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123 340 345 350
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129 370 375 380

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 182 65 70 75 80  
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 188 100 105 110  
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200      165      170      175
202 Val Ala Ser Val Leu Thr Leu Leu Phe Leu Leu Met Phe Val Phe Ala
203      180      185      190
205 Ile Leu Gly Phe Cys Leu Phe Gly Val Thr Asp Arg Gly Asp Leu Glu
206      195      200      205
208 Asn Trp Gly Asn Leu Ala Ser Ala Phe Phe Thr Leu Phe Ser Leu Ala
209      210      215      220
211 Thr Val Asp Gly Trp Thr Asp Leu Gln Glu Glu Leu Asp Lys Arg Lys
212 225      230      235      240
214 Phe Thr Val Ser Arg Ala Phe Thr Ile Leu Phe Ile Leu Leu Ala Ser
215      245      250      255
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218      260      265      270
220 Asp Ser Met Lys Lys Phe Glu Arg Asp Leu Thr Leu Glu Arg Asn Leu
221      275      280      285
223 Ala Ile Met Glu Glu Lys Gln Ile Ile Leu Lys Arg Gln Gln Glu Glu
224      290      295      300
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227 305      310      315      320
229 Asp Met Val Glu Gly Phe Lys Lys Thr Leu Arg His Thr Asp Pro Met
230      325      330      335
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235 Val Thr Leu Asp Asn Gln Asp Val Ile Val Ser Lys Leu Gln Glu Leu
236      355      360      365
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